



Inspection Reports



0610*Reports

- Cover Letter to Utility Executive
- Cover Page
- Summary of Findings
- Report Details organized by cornerstone
- List of Persons Contacted
- List of Baseline Inspection Procedures Used (optional)
- Items Opened, Closed, and Discussed
- List of documents reviewed
- One page summary (temporary)



Cover Letter

- Introduction paragraph - In general what was covered in the inspection
- Brief description of significance of findings
 - very low significance for “green”
 - More details for more significant findings
- Any non-compliances



Cover Page

- No change



Summary of Findings

- Introduction
- Presentation of Significant Findings (green or greater)
- Violations
- Unresolved Items
- Plant Issues Matrix



Summary of Findings

Introduction

- One- or two-sentence introduction that covers the type of inspection, the scope, and any special details.
 - Example: The report covers a 7-week of resident inspection and announced inspection by a regional emergency preparedness specialist, two radiation protection specialists and a physical security specialist.
- One page summary for first year.



Summary of Findings Presentation of Significant Findings

- Each Issue of note should be listed by cornerstone
 - IE, MS, BI, EP, OS, PS, PP
 - e.g., Cornerstone: Barrier Integrity
- Exceptions:
 - PI Verification
 - Annual PI&R



Presentation of Significant Findings (Continued)

- Each issue of note should be included in summary of finding.
 - All issues determined to be green or greater
 - Findings in areas without SDPs (e.g., shutdown)
 - All non-compliances (Except minor violations)
 - Violations, NCVs



Unresolved Issues

- Unresolved Issues - URIs need not be discussed in the Summary of Findings. However, URIs may be included when enforcement is still under review, but the findings have been identified.

OR

For issues whose significance (color) has yet to be determined.



Table of Contents

- For reports of significant length (i.e., in which the report exceeds 10 pages), the writer should consider a Table of Contents



Report Details

- Summary of Plant Status
- Inspection Scope
- Findings and supporting observations

Note: No conclusions section



Plant Status

- The Summary of Plant Status briefly describes plant power level or any shutdowns or significant changes in power.
 - e.g., The unit was essentially at 100% power for the entire period.
- The summary may be eliminated for specialist inspections.



Inspection Scope

- Organized along strategic performance areas (Reactor Safety, Radiation Safety, and Physical Protection). Entries are listed by inspectable area attachment number (e.g., R01 - Attachment 1 to Reactor Safety Inspection Procedure 71111).



Inspection Scope (continued)

- Description should be clear, concise, and factual.

- 1R04 Equipment Alignment

The inspectors reviewed the alignment of the 2B-B centrifugal charging pump during a period that the 2A-A charging pump was out of service for repairs.



Findings and Observations

- The inspection results in this section should be in a concise narrative format.
- The report should include:
 - a statement of the observation(s)
 - resultant finding(s)
 - assumptions made
 - duration
 - mitigation
 - accident scenarios
 - safety significance to a cornerstone



Findings and Observations

Example 1

1R11 Licensed Operator Requalification

a. Inspection Scope

The inspectors observed licensed operator requalification simulator exercises for Crew E.

b. Findings and Observations

No findings were identified through this inspection.



Findings and Observations Example 2

2OS4 Radiation Worker Performance

a. Inspection Scope

The inspectors reviewed four (4) licensee identified conditions adverse to quality related to the occupational radiation cornerstone.

(Conditions would be listed)



Findings and Observations Example 2 (Continued)

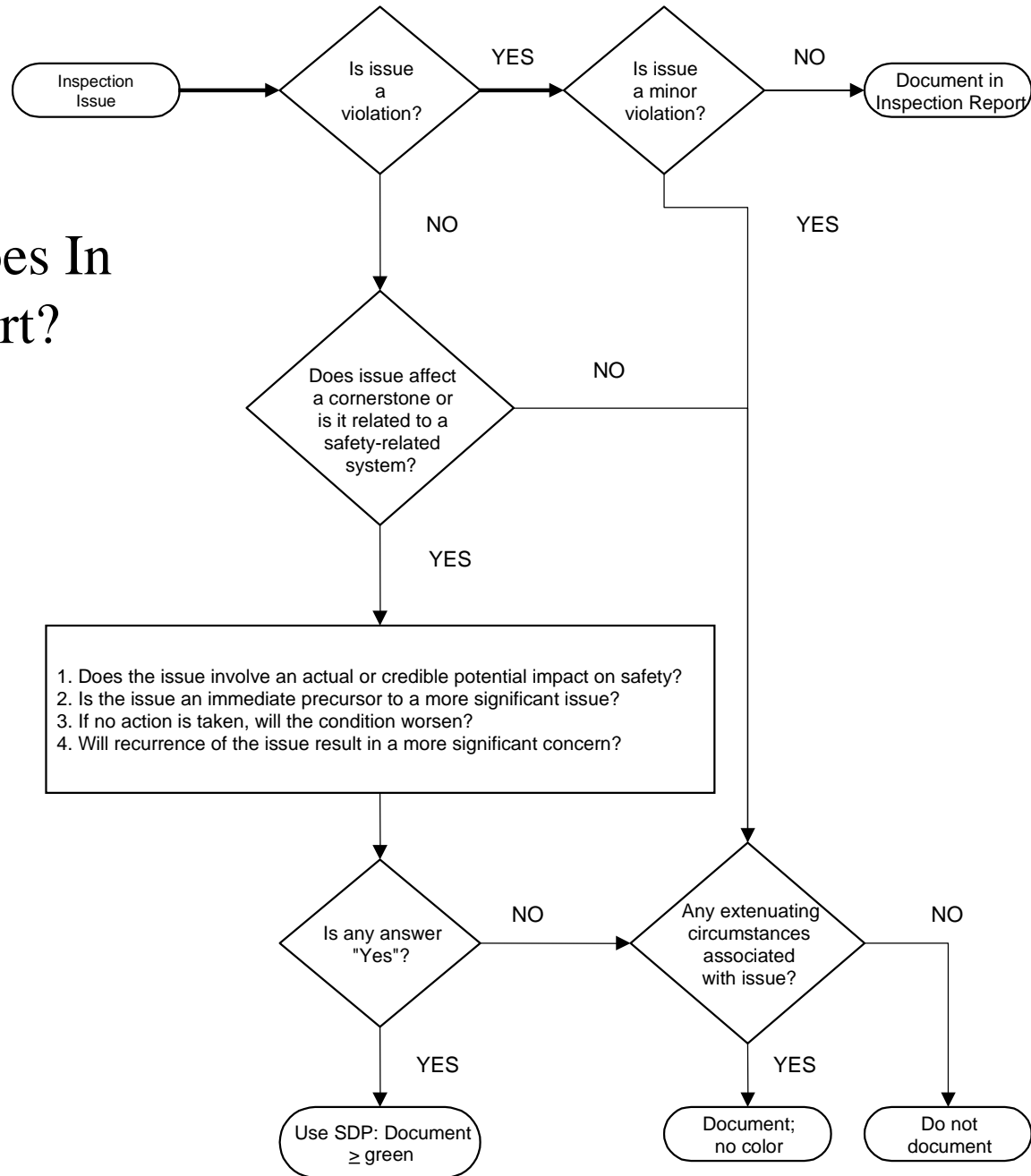
b. Findings and supporting observations

Significant Condition Report 98-0611 pertaining to an unplanned airborne radioactivity area being created while removing drywell bolts was reviewed. The cause of the unplanned radioactive airborne activity was determined by the licensee to entail a lack of supervisory oversight and radiological department interface ...

Only if it results in a green or greater finding.



What Goes In the Report?





Exit Meeting Summary

Only difference:

- Name of the most senior licensee representative



Other Inspection Areas

- Problem Identification and Resolution
- PI Verification
- Event Follow-up and event related LERs
- Significant cross-cutting issues



Report Attachments

Only difference:

- One page summary (for the first year only).



Major Changes to IMC 0610

- Inspector Follow-up Items are eliminated.
- Strengths/Weaknesses are not documented.
- Positive findings are not documented.
- Neutral findings will not normally be documented.
- Minimum threshold for documenting



Supplemental Inspection Reports

- Essentially the same as baseline inspection reports
- Differences:
 - Summary of Findings (PIM entry)
 - Summary of performance issue
 - Overall assessment of licensee's evaluation
- Inspection Details
 - Licensee's assessment
 - Inspector's assessment
 - For each Inspection requirement



Plant Issues Matrix

- Used to Track and Assess Licensee Performance.
- Used during Quarterly, Mid-Cycle and End-of-Cycle Reviews
- Rolling 12 months of information.
- Publicly available (updated quarterly)



Plant Issues Matrix Audience

- NRC Management
- Licensee Management
- Public



Uses of Plant Issues Matrix

- Track Licensee Performance Issues
- Integration of Licensee Performance Issues
- Assess Licensee Performance
 - Determine scope/depth of supplemental inspections



Plant Issues Matrix (PIM)

- All entries in the Summary of Findings will be transferred to the PIM.
- The PIM shall include:
 - Cornerstone (IE, MS, BI, EP, OS, PS, PP)
 - type (VIO, NCV, AV, URI, FIN)
 - date of occurrence
 - source (typically inspection report number)
 - who identified finding (NRC, Lic, or Self)
 - SDP result (i.e., color)
 - item description/significance



Plant Issues Matrix

No entries for:

- Minor Violations
- Technical Issues with Minimal Risk
- Most Neutral Findings

Exceptions:

- Annual PI&R inspection